

Amendments to the Specification:

Please add the following paragraph on page 2, between lines 16-17 as follows:

Fig. 1a provides a schematic drawing of the hydrogen-depleted sphalerite structure in accordance with an embodiment; and

Fig. 1b provides a schematic drawing of the fluorite structure in accordance with an embodiment.

Please replace the paragraph beginning on Page 3, line 27, with the following paragraph that is not amended but shows the first word in previous line 28 of page 3 in an un-obsured form:

Furthermore, the present invention relates to an electrochemically active material that is characterized in that the material comprises a hydrogen storage material according to the present invention as described above.

Please replace the paragraph beginning on Page 4, line 7, with the following amended paragraph:

The present invention is illustrated by the following ~~example~~ examples as well as the ~~Figure~~ Figures, all given by way of example only.